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Guidant Disclosure No: 17520

PTO/SB/21 (12/97)
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number

09/506,081

Filing Date

2/16/2000

First Named Inventor

Jessica Chiu, et al.

Group Art Unit

3739

Examiner Name

Unassigned

Attorney Docket Number

003764.P025

ENCLOSURES (check all that apply)

- Fee Transmittal Form
- Fee Attached
- Preliminary Amendment
- After Final
- Extension of Time Request
- Express Abandonment Request
- Information Disclosure Statement
- Certified Copy of Priority Document(s)
- Response to Missing Parts/ Incomplete Application
- Response to Missing Parts under 37 CFR 1.52 or 1.53

- Assignment Papers (for an Application)
- Drawing(s)
- Licensing-related Papers
- Petition Checklist and Accompanying Petition
- To Convert a Provisional Application
- Power of Attorney, Revocation Change of Correspondence Address
- Terminal Disclaimer

- After Allowance Communication to Group
- Appeal Communication to Board of Appeals and Interferences
- Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
- Proprietary Information
- Status Letter
- Additional Enclosure(s) (please identify below):

Postcard & Check No. 00837

Remarks

Please charge any additional fees due or credit any overpayments to Deposit Account 02-2666.

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name

George P. Simion, Reg. No. P-47,089

Blakely, Sokoloff, Taylor & Zafman
12400 Wilshire Boulevard
Seventh Floor
Los Angeles, CA 90025-1026

Signature

Date

Aug. 11, 2000

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:

8/11/2000

Typed or printed name

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Signature

Date

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FEE TRANSMITTAL for FY 2000

Patent fees are subject to annual revision.

Small Entity payments *must* be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$ 324.00)

Complete if Known

Application Number	09/506,081
Filing Date	2/16/2000
First Named Inventor	Jessica Chiu, et al.
Examiner Name	Unassigned
Group / Art Unit	3739
Attorney Docket No.	003764.P025

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **02-2666**

Deposit Account Name **Blakely, Sokoloff, Taylor & Zafman**

Charge Any Additional Fee Required
Under 37 CFR §§ 1.16 and 1.17

2. Payment Enclosed:

Check Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
101	690	201	345	Utility filing fee	
106	310	206	155	Design filing fee	
107	480	207	240	Plant filing fee	
108	690	208	345	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims	142	-137* = 5	x 18. = 90.
Independent Claims	16	-13** = 3	x 78. = 234.
Multiple Dependent			

**or number previously paid, if greater; For Reissues, see below

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description		
103	18	203	9	Claims in excess of 20
102	78	202	39	Independent claims in excess of 3
104	260	204	130	Multiple dependent claim, if not paid
109	78	209	39	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$324.00)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	380	216	190	Extension for reply within second month	
117	870	217	435	Extension for reply within third month	
118	1,360	218	680	Extension for reply within fourth month	
128	1,850	228	925	Extension for reply within fifth month	
119	300	219	150	Notice of Appeal	
120	300	220	150	Filing a brief in support of an appeal	
121	260	221	130	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,210	241	605	Petition to revive - unintentional	
142	1,210	242	605	Utility issue fee (or reissue)	
143	430	243	215	Design issue fee	
144	580	244	290	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	690	246	345	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	690	249	345	For each additional invention to be examined (37 CFR § 1.129(b))	
Other fee (specify)					
Other fee (specify)					

Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	George P. Simion	Registration No. (Attorney/Agent)	P-47,089	Telephone	512/330-0844
Signature				Date	Aug. 11, 2000

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J. Douglas
#6 Prea

Attorney Docket Number: 3764.P025

9/8/00



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
CHIU, J., et al.) Examiner: Unassigned
Application No.: 09/506,081) Art Unit: 3739
Filed: February 16, 2000)
For: MULTI-LUMEN FLUTED BALLOON)
RADIATION CENTERING CATHETER)

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

PRELIMINARY AMENDMENT

Applicant respectfully requests that this Preliminary Amendment be entered prior to examination of the above-identified patent application.

IN THE CLAIMS

08/17/2000 YPOLITE1 00000051 09506081

01 FC:102
02 FC:103

234.00 OP
90.00 OP

Please add new claims 138-142.

138. (New) A balloon catheter assembly comprising:
a multi-lumen balloon having a plurality of inflatable outer lumens disposed around
a central lumen; and
a catheter shaft disposed proximate to the multi-lumen balloon and coupled to the
multi-lumen balloon, the catheter shaft including a shaft inner lumen through at least a